

*METHOD FOR ELIMINATING FRAGILE CELLS
FROM STORED CELLS*

Inventors: John H. Crowe et al.

Atty Docket No. 010023-000900US

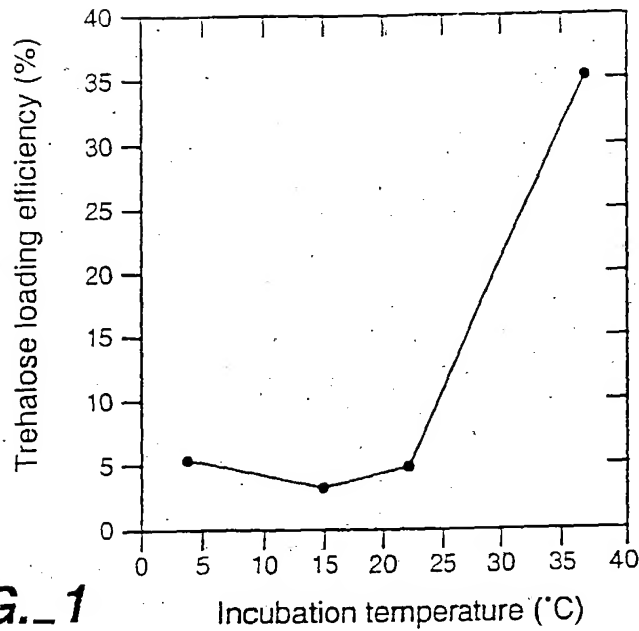


FIG. 1

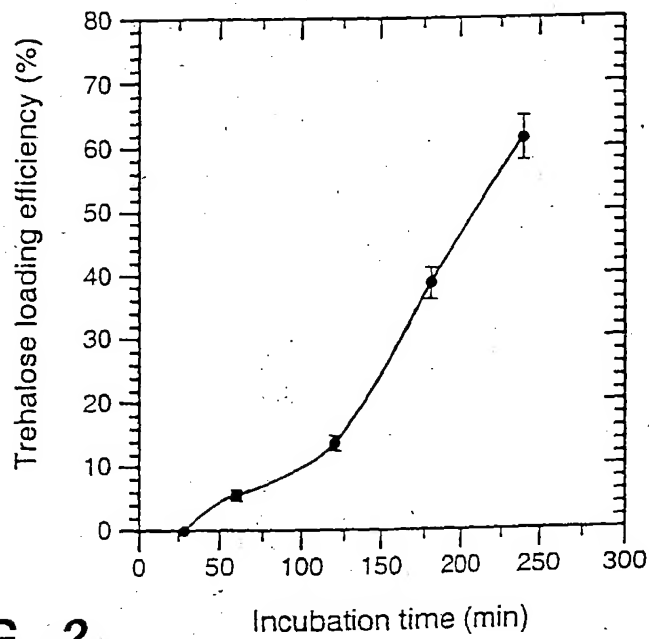


FIG. 2

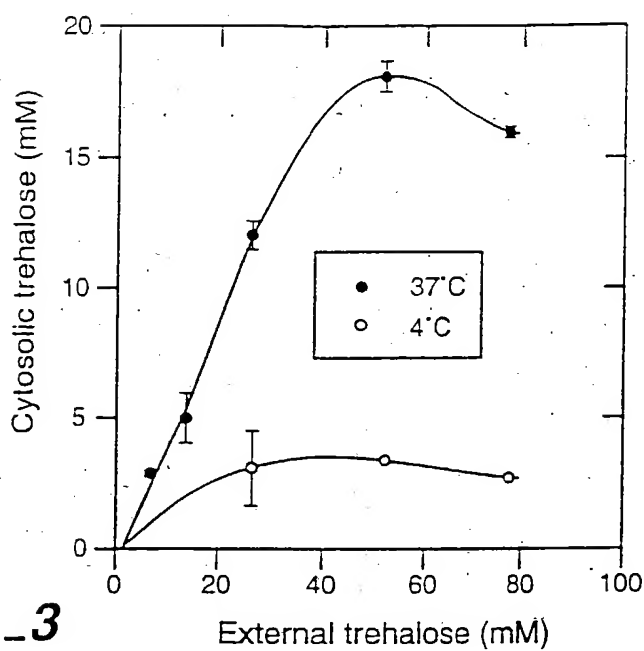


FIG. 3

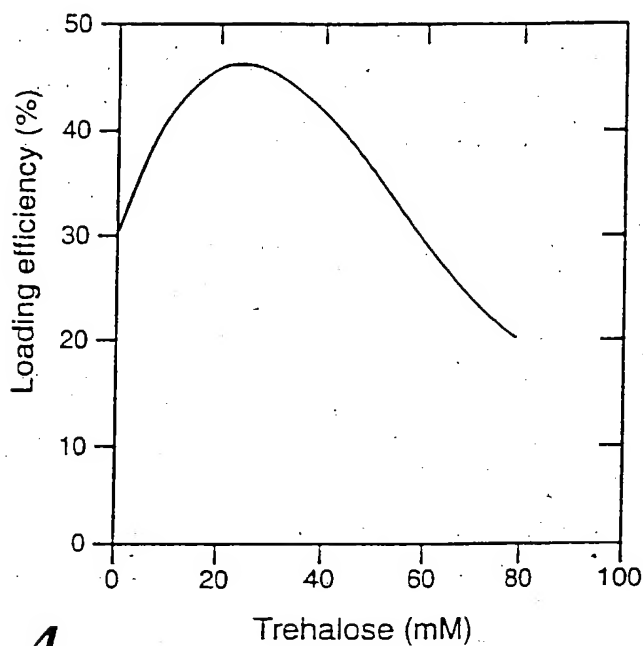


FIG. 4

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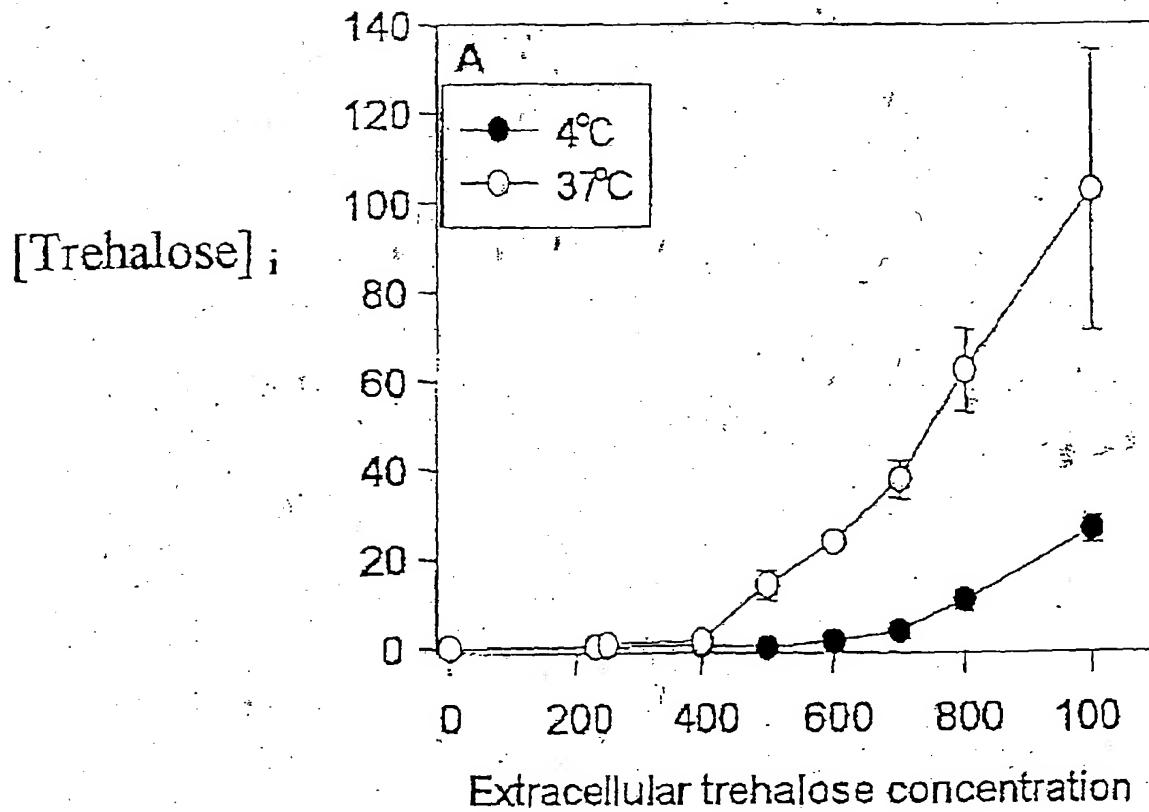


Fig. 5

Fragility index of RBCs incubated overnight at 4 or 37°C in the presence of increasing trehalose concentrations

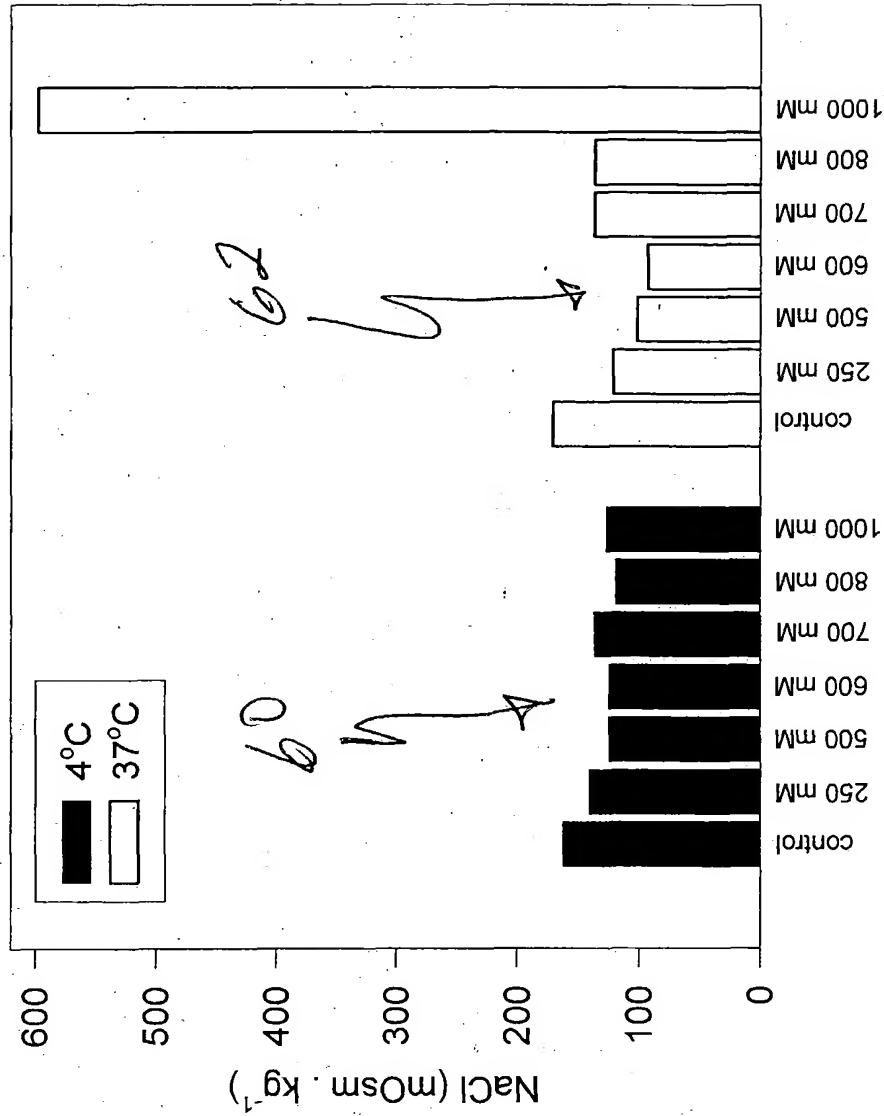


Figure 6

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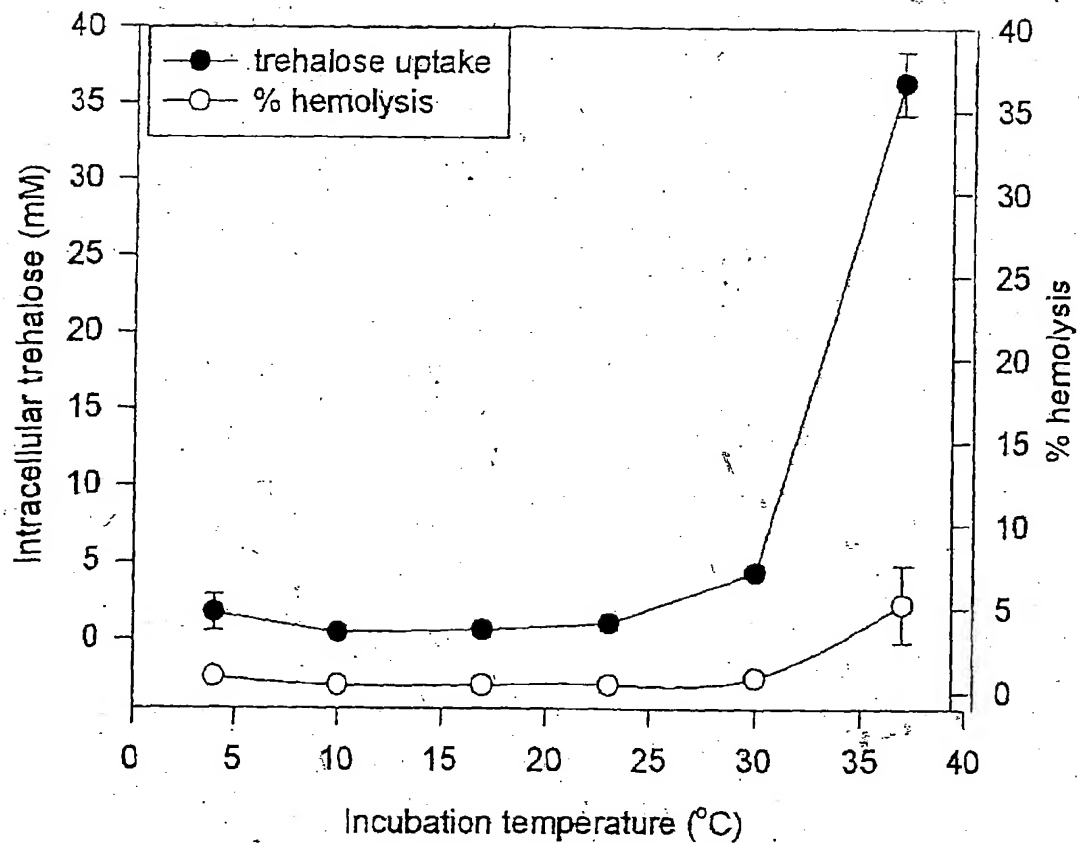


Fig 7

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Trehalose uptake as a function of the
concentration of the washing buffer

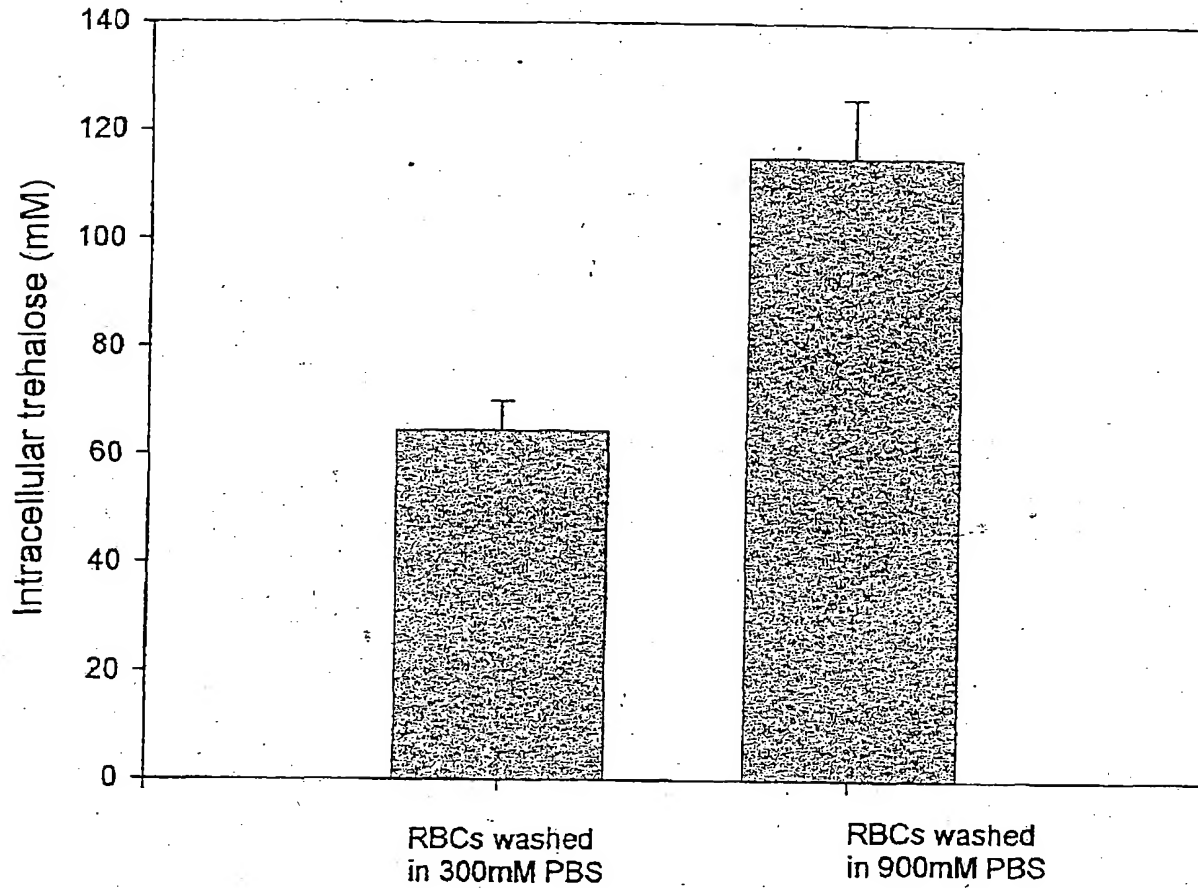
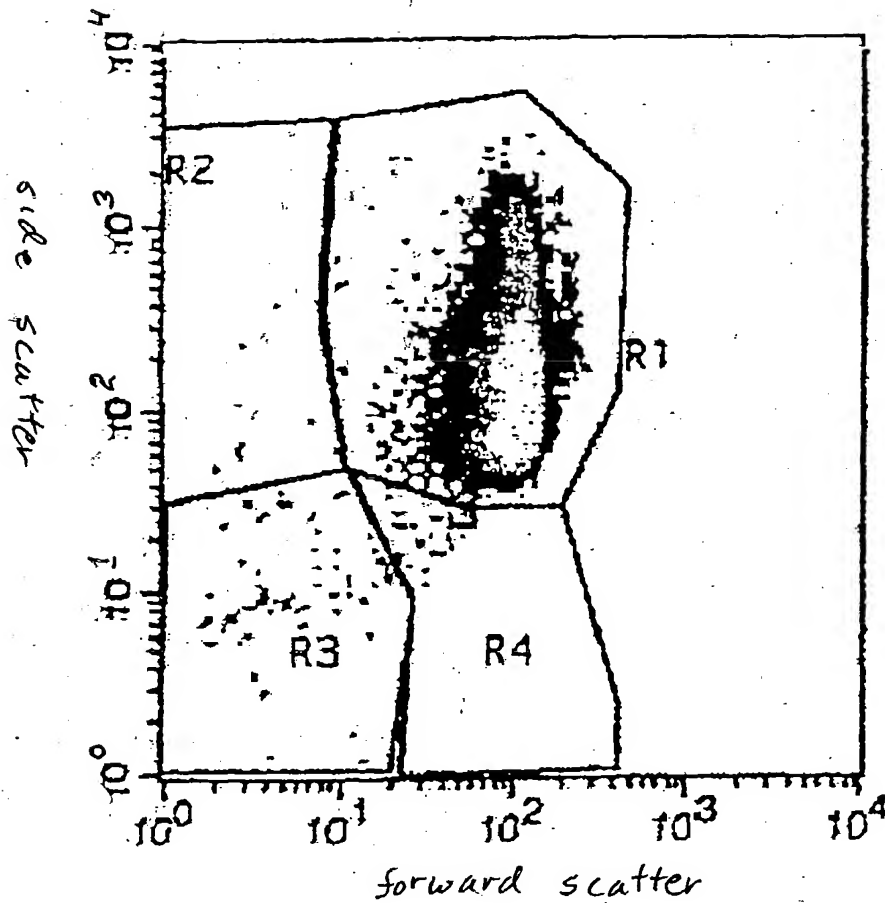


Fig. 8

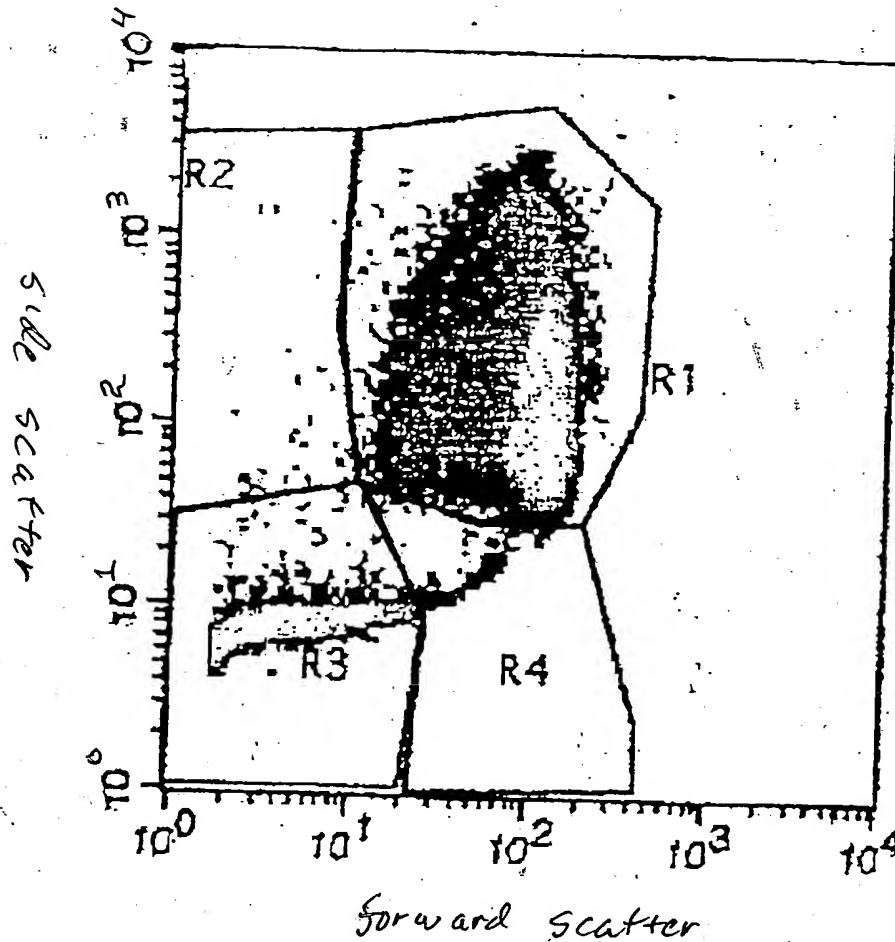
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**Control RBCs in
300 mOsm PBS**

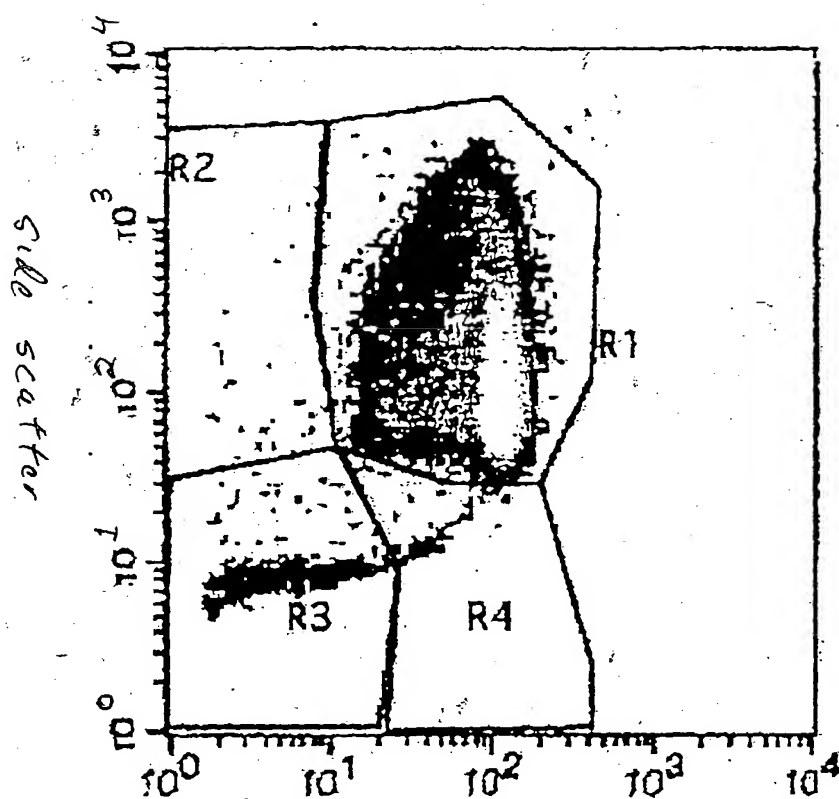
Fig 9



**Trehalose-loaded RBCs
resuspended in 300 mM
PBS, 30 s**

R3+R4 = 27%

Fig. 10



forward scatter

**Trehalose-loaded RBCs
resuspended in 300 mM
PBS, 5 min**

**R3+R4 = 2%
of R1 events**

Fig 11

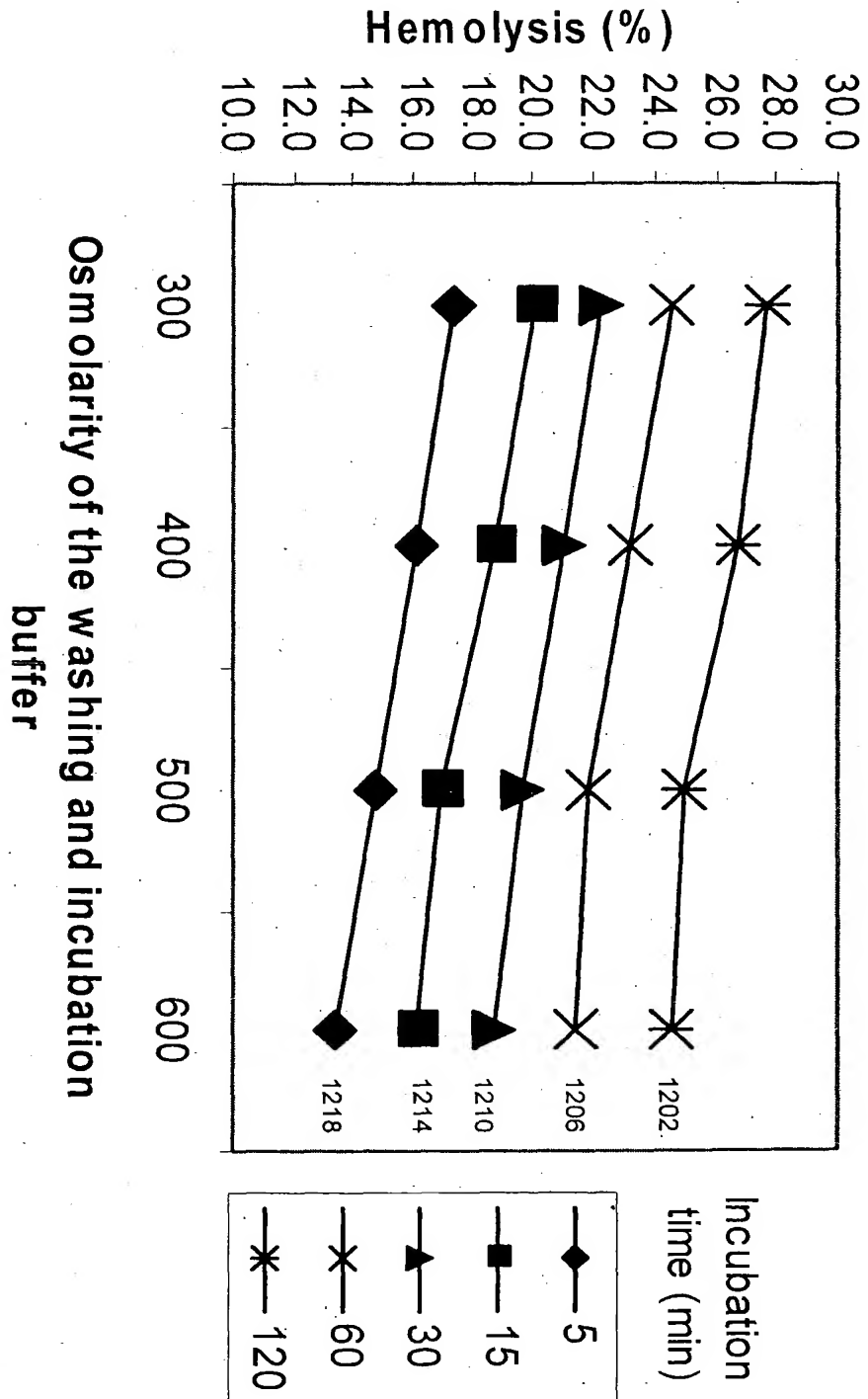


Figure 12